

Segmented Fittings

Cross Tee (SD-PESCT)

SHIELD Fittings are available in segmented. They are manufactured as per ISO and ANSI/AWWA standard which are UL, FM, WRAS and API approved, applicable for fire fighting & Water Applications.



Product Specifications:

Available Size	110mm - 630mm, 4” - 24”
Material	High Density Polyethylene
Standard	ISO 4427, ANSI/AWWA C906, API 15LE
Application	Firefighting (underground), Irrigation, Potable Water, Drainage, Gas Insulation/Sleeves/Jacket, Horizontal Directional Drilling Machine
Approvals/Listings	 

Segmented Fittings

(Metric)

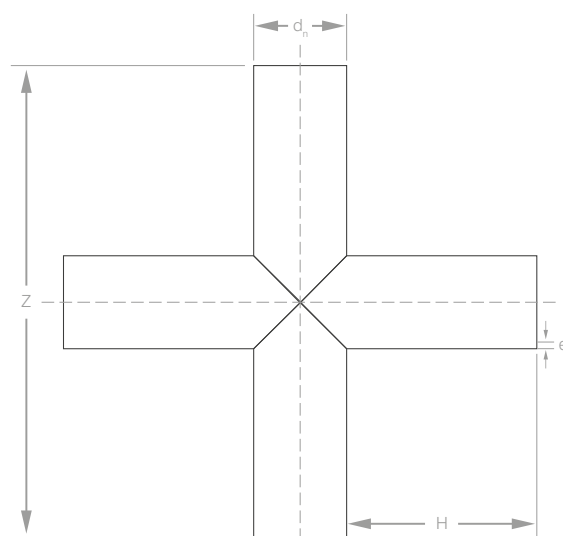
Product Dimensions:

SD-PESCT (ISO 4427) (PE 100 - 3 Segmented, Long spigot version)

d _n	H	Z	e			
			SDR 17 PN10 mm	SDR 11 PN16 mm	SDR 9 PN20 mm	SDR 7.4 PN25 mm
110	100	310	6.6 - 7.4	10.0 - 11.1	12.3 - 13.7	15.1 - 16.8
125	150	325	7.4 - 8.3	11.4 - 12.7	14.0 - 15.6	17.1 - 19.0
160	150	460	9.5 - 10.6	14.6 - 16.2	17.9 - 19.8	21.9 - 24.2
180	200	580	10.7 - 11.9	16.4 - 18.2	20.1 - 22.3	24.6 - 27.2
200	200	600	11.9 - 13.2	18.2 - 20.2	22.4 - 24.8	27.4 - 30.3
225	200	625	13.4 - 14.9	20.5 - 22.7	25.2 - 27.9	30.8 - 34.0
250	200	650	14.8 - 16.4	22.7 - 25.1	27.9 - 30.8	34.2 - 37.8
280	200	680	16.6 - 18.4	25.4 - 28.1	31.3 - 34.6	38.3 - 42.3
315	300	915	18.7 - 20.7	28.6 - 31.6	35.2 - 38.9	43.1 - 47.6
355	300	955	21.1 - 23.4	32.2 - 35.6	39.7 - 43.8	48.5 - 53.5
400	300	1000	23.7 - 26.2	36.3 - 40.1	44.7 - 49.3	54.7 - 60.3
450	300	1050	26.7 - 29.5	40.9 - 45.1	50.3 - 55.5	61.5 - 67.8
500	300	1100	29.7 - 32.8	45.4 - 50.1	55.8 - 61.5	68.2 - 75.4
560	350	1260	34.3 - 37.8	50.8 - 56.0	62.5 - 68.9	-
630	350	1330	37.4 - 41.3	57.2 - 63.1	70.3 - 77.5	-

NOTE:

- ▶ e = Thickness at the end.
- ▶ Other SDRs are also available upon request.



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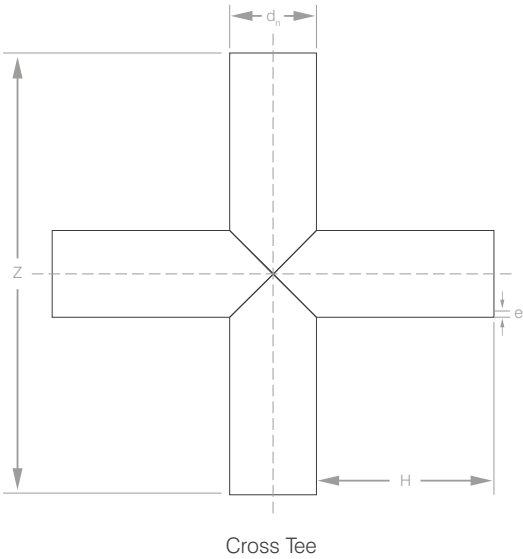
(Imperial)

Miscellaneous Data:

SD-PESCT (ANSI/AWWA C906) (PE 100/PE 3 - 4710 Segments, Long spigot version)

d _n	O.D.	Z	H	e			
				DR 11 PC200	DR 9 PC250	DR 7.3 PC317	DR 7 PC335
Inch	Inch	Min Inch	Min Inch	Inch	Inch	Inch	Inch
4	4.50	11.00	3.000	0.409 - 0.458	0.500 - 0.560	0.625 - 0.700	0.643 - 0.720
6	6.63	12.00	4.000	0.602 - 0.674	0.736 - 0.825	0.920 - 1.031	0.946 - 1.060
8	8.63	26.50	6.000	0.784 - 0.878	0.958 - 1.073	1.198 - 1.342	1.228 - 1.376
10	10.75	31.75	7.500	0.977 - 1.094	1.194 - 1.337	1.473 - 1.650	1.536 - 1.720
12	12.75	30.00	8.625	1.159 - 1.298	1.417 - 1.587	1.747 - 1.957	1.821 - 2.039
14	14.00	33.00	9.500	1.273 - 1.426	1.556 - 1.743	1.918 - 2.148	2.000 - 2.240
16	16.00	36.00	10.000	1.455 - 1.630	1.778 - 1.992	2.192 - 2.455	2.286 - 2.560
18	18.00	40.00	11.000	1.636 - 1.832	2.00 - 2.240	2.466 - 2.762	2.571 - 2.879
20	20.00	52.00	16.000	1.818 - 2.036	2.222 - 2.489	2.740 - 3.069	2.857 - 3.200
22	22.00	52.00	15.000	2.000 - 2.240	2.444 - 2.737	3.014 - 3.376	3.143 - 3.520
24	24.00	54.00	15.000	2.182 - 2.444	2.667 - 2.987	3.288 - 3.683	3.429 - 3.841

NOTE:
► e = Thickness at the end.



Segmented Fittings

Miscellaneous Data:

1. Ordering Information

Example: SD-PESCT-1-40

- SD-PESCT is the part number
- (1) ISO 4427 (2) ANSI/AWWA C906 (3) API 15LE
- (40) Size

2. Contact Information

For further information on any aspect of the SHIELD HDPE Segmented Fittings please contact below:

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